

## PATENT CLAIMS

1           1. A roll system, especially a contact roll system of a  
2 winding machine having a plurality of roll segments (3) freely  
3 rotatable adjacent one another, end face to end face and mounted so  
4 as to be movable perpendicular, to their rotation axes (4),  
5 characterized in that the roll segments (3) are each journaled at  
6 one end face on a respective bearing pin (5) which projects from a  
7 bearing plate (6) on which it is fastened and which is movable  
8 perpendicularly to the rotation axis (4) whereby in at least one  
9 inner side of each bearing plate (6) an annular groove (15) is  
10 machined in which the end of a roll segment (3) can rotate  
11 contactlessly.

1           2. The roll system according to claim 1 characterized in  
2 that each two roll segments (3.1, 3.2) is held on a common bearing  
3 plate (6) with bearing pins (5.1, 5.2) projecting from opposite  
4 sides.

1           3. The roll system according to claim 1 or 2  
2 characterized in that the roll segments are mounted so as to be  
3 linearly shiftable perpendicular to their rotation axes (4).

1           4. The roll system according to one of claims 1 to 3  
2 characterized in that the bearing plates (6) are mounted so as to  
3 be swingable perpendicular to the rotation axis (4).

1           5. The roll system according to one of claims 1 to 4  
2 characterized in that the bearing plates (6) are mounted on a  
3 common traverse (9) which extends transversely and are each movable  
4 by a respective drive (10) perpendicular to the rotation axis.

1           6. A winding machine for winding up a continuous  
2 traveling web (1) of material, especially a paper web or a plastic  
3 foil or film, characterized in that it contains a roll system  
4 according to claims 1 to 6 as a contact roll system.